

# E4-WM5-Y283A00 MOUNTING INSTRUCTION



1. BILSTEIN shock absorber with original spring
2. BILSTEIN shock absorber with BILSTEIN spring
3. Original shock absorber with BILSTEIN spring

## Remove

Place vehicle on a chassis hoist,  
lift it and remove wheels.



***The lower control arm must be supported by suitable means!***

Remove bottom mount.

If necessary release brake hose/ brake hose holder/  
stabilizer/ ABS- hose and/ or swing- support at strut.  
Cable clip at the bracket must be removed  
nondestructive and reused for install Bilstein strut.

At support suspension arm, screw on top,  
inside must be released a little.

Remove top fixing nuts from support bearing.  
Do not remove center nut at this time!

Remove complete strut and  
clamp it in an appropriate strut vise.

Using a suitable spring compressor, compress  
suspension spring until tension on support  
bearing is released.

Fit original/ BILSTEIN mounting parts on strut in  
reverse sequence to removal, except for dust cover  
and bump stop, since BILSTEIN- strut has built  
in bump stop. If there is no dust cover delivered  
by BILSTEIN, the original one is to be reused.  
Please refer to diagram to identify which parts will  
be replaced with BILSTEIN- supplied components.

## Install

Assemble BILSTEIN and/ or original mounting  
parts, as well as the new BILSTEIN spring  
on the BILSTEIN strut in reverse sequence  
of removal.



***Before releasing the spring, care is to be taken to ensure that the spring rest in the cutouts of top and bottom spring plate!***

The correct mounting position of the suspension  
springs can be determined by the printing on  
the springs; install them with the print upright.

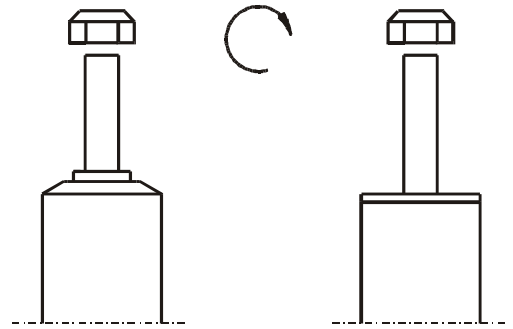
Fit assembled BILSTEIN strut to  
the vehicle in reverse sequence of removal.

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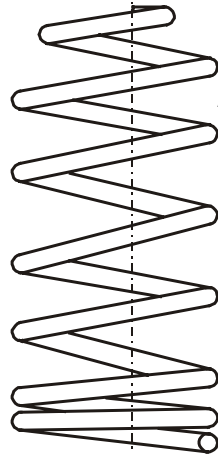
## - list of torques

	M8	M 10	M 12	M 14	M 16	Thread
	13	25	45	72	110	Torque Nm
	10	19	34	54	83	Torque ft lb



DO NOT USE IMPACT TOOLS FOR LOOSENING OR TIGHTENING FASTENERS, BECAUSE THIS MAY DESTROY THE THREADS. SELF- LOCKING NUTS MUST ONLY BE **USED ONCE!**

Original Equipment



All rubber- mounted strut/ damper attachments must not be fully tightened until AFTER the suspension system is loaded (wheels on the ground). Other mounting fasteners (for example brackets) must be securely tightened BEFORE load is placed on the suspension system.

ALL DIAGRAMS ARE GENERALIZED AND NOT TO SCALE!  
BRACKETS, ETC. SPECIFIC TO STRUT ARE NOT SHOWN!

